

## **Amendments to the Claims:**

*This listing of claims will replace all prior versions, and listings, of claims in the application:*

1. (currently amended) An acoustic waveguide for propagating sound radiation from an acoustic transducer into ~~a sound field~~ an aperture termination, the mouth, from which sound is radiated wherein ~~one~~ two or more sections along the length of said waveguide having bounding surfaces that ~~approximate~~ are substantially ~~coordinates of the coordinate systems,~~ Elliptic Cylinder and Prolate Spheroidal coordinates.
2. (original) The waveguide of claim 1 wherein;  
the first waveguide section is Elliptic Cylinder and the second is Prolate Spheroidal.
3. (currently amended) The waveguide of claim 1 wherein;  
the a mouth termination has a radius ~~to the baffle~~.
4. (currently amended) The waveguide of claim 2 wherein;  
the a mouth termination has a radius ~~to the baffle~~.